



* T*iKE *iKE *



Thursday October 15, 1970



NGR

SAC CONSOLIDATED STATE OF EXPENSE				
BHAT IT A BAN IT GOT				
EXECUTIVE	Salaries Bffice Expenses Executive and Council	23,603 ponders ? 23,900 13,920 2,025		
EXTERNAL AFFAIRS	Research Conference Downtown Education Project Donations and Grants International Teach-In	200 12,700 10,150 2,000 7		
SERVICES .	Parking Book Frehange Remodial Reading Frogramme Hart House Farm	1,250 100 15,900 1,000		
CULTURAL AFFAIRS	Stydents Tenants Union Glig and hite Enerloaders Debatos Committee U of T Crohestra U of T Chorus Innis Film Inchety Special Program ee Grad Cell	450 140 ? 5,000 150 ? 2, poor whyre 4,507 5,000 2,500 2,500 4		
EDUCATION	Freshman Prientation Programmes Environmental Tending Con- Vertico '70-Grent Course Unions High School Progenizor	A, DAN man from 3,025 500 500 500 500 500 500 500 500 500		
COMMUNICATIONS	Frontier College-Stant Summer Varsity Hundbook Student Directory Redio Varsity Manpower Counttier Reading Room Pamphlet Project Varsity Respace Distribution The Varsity-SRC Great	1,633 1,633 1,760 1,900 1,900 1,900 1,900 1,900 1,900		
OTHER	instingencies ubsiding (lebige)	2", 450		
	more paraphenalis arts-a-brac par son sear end	785,700 18,500 48,500 4805 June 30/74.		

RILL PALMER

CAMPUS TECHNICAL COUNCIL

The EIC, CSME, SAE, AIIE. CSChE and IEEE have VOLUN-TARILY formed the Campus Technical Council in order to coordinate their resources and technical programs, which all students, members or no, are invited to at-tend. Watch the Toike for the list of each month's coming CTC events

Oct. 21: EIC sponsored speaker: Mr. S Young, Chief Engineer, Douglas Aircraft Co., "DC-10 wing manu-Aircraft Co., facture in Canada"; 1-2 p.m., SF-135.

Oct. 28:

EIC movies, 1-2 p.m. SF-135. Oct. 28:

EIC sponsored smoker: Mr. W. Summerville, QC, Law and Engineering", 7:30 p.m., Hart House. CTC SMOKER

The first formal meeting of the CSME occurred last Sept. 30 at an EIC sponsored smoker. President

of CSME, H. G. Conn, spoke on the "Unification of the Engineering profession in Canada." Tony Na-talizio (IV Mech.) chaired the panel composed of L. S. Lauchland (Pres. APEO), D. L. Allen (Faculty Advisor CSME), & Dean Ham. The promise of free beer filled the debates room to 1/3 ca-pacity. When Mr. Conn finished, there was a mass exodus to the washroom.

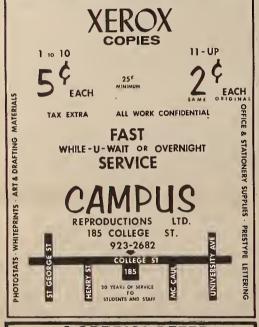
MASHOOM.

At the next EIC wild one, Bill Summerville, QC, will speak on Engineering Law, on Oct. 28, 7:30 p.m. Room 3154, Meds Bidg. 50¢ for EIC members, \$1 for nonmembers. Free buffet & cash bar. Alan Norwich, I Grad.

EIC NEWS

1) Thursday, October 29, 7:30 p.m. Room 103, New Physics Building. Topic: "The Narrows Bridge,

Halifax", the first suspension bridge employing an orthotropic steel deck



A SPECIAL OFFER

A \$135. ENTERTAINMENT VALUE THAT COSTS YOU ONLY \$2.50

The "ACTIVITY PASSPORT" is a book of FREE PASSES, and discount coupons which invites you to enjoy various entertainment, recreational and dining pleasures around TORONTO. Every establishment that is represented in the "ACTIVITY PASSPORT" has given a written guarantee that each pass will be fully honoured.

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make up your "ACTIVITY PASSPORT".				
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The Honey Pot	\$3.50	RECREATION		
Mt. 5t. Louis	5.00	Hockey-Maple Leaf		
Moonstona Resort	6.50	Gardens	1.50	
Uplantis Ski Hole	6.00	Golf - Aurora Golf Club	5.00	
Snow Vallay	3.00	Curling - The Terrace	2.50	
Medonte Mountain	4.00	Snowmobile Rental —	2.50	
RESTAURANT		Portage Trails	3.00	
Underground Reilroad	2.25	Billiards - Don Mills	1.35	
Mario's	3.00	Embassy	1.35	
La Cantine	2.50	Broadway	1.35	
Tha Red Lantern	2.50	Riding - Circle M Ranch	3.00	
Mr. Chicken	1.95	Bowling - Sheas Lounger	1.00	
Buzz Buzz	2.00	Don Mills Bowl	.90	
L'Escargot	6.00	Movies - Cinema 2000	1.00	
Meuda Koury's Steak Ho		Boat Cruise - Toronto		
Golden Griddla Pancake		Hárbour Tours	1.50	
Housa	2.00	Alr Flight – Markham		
THEATRE		Airport	3.00	
Toronto Workshop		Oancing - Club Pavalon	2.50	
Productions	6.50	Kea To Bala	2.50	
Studio Lab Theatre	5.75	Lazan 5 tables	2.00	
Thaatre Pesse Mauraille	4.50	Ice Skating - The Terrac	a 2.00	
Globe Villaga Theatre	4.50	5nowmobile Race —		
Factory Lab Theatre	2.50	Portage Trails	2.00	
DISCOTHEQUES		Judo - Hatachita		
Tha Gallary	2.50	Judo Club	5.00	
The Riverboat	2.50	Roller Skating - Tha		
Speak Easy	\$2.00	The Terrace	2.00	
Mo Mo's	4.00	Sleigh Ride -Portega Tra		
Nickelodeon	.50		\$135.90.	
AVAILABLE AT: "The Engineering Stores "Scarborough College -				
Room 5412 *Erindale College - Sage Office Room 155.				

The End of the Road

to resign

to resign.

About a year ago, 1 decided that the views of Engineering students, and of most of the U. of T. students were not being effectively represented on the S.A.C. 1 am no longer so sure. How is one supposed to represent views which seem to be non existant? In over a year, no one sought me out to have my present views to the Council. I can count on the fingers of one hand those people who came to meetings to find out what was happening, or who asked me what was going on. Is everyone content to sit back and watch the world go by? It won't stop to pick you up unless you try to climb on.

The S.A.C. cannot be criticized for trying to support those groups which came to it to ask for aid. Surely if other groups do not even care enough to try to find out going on they do not deserve having reps worrying about their rights.

about their rights.
Yet, the S.A.C. is not entirely blameless. The problems facing man will not be solved by a debating society nor by an infinite number of research reports. The basic problem is people. The only way in which any headway will be made in combatting the inequalities facing us is to get every person out doing his part to work on them.
We live in an age when it is cheaper for the New College Cafetieria to use plastic throw-away dishes than it is to pay people to wash china. Is this symbolic of the central problem? Why is man's time valued in dollars and cents?

Think about what is happening around you. Why is the y grev? Why is the polluting index 50 when it has been

SAC Rep (retired) shown that an average of greater than 2 is harmful? Why do the children on Queen Street play amidst the cars and broken glass? Why are there dozens of men sitting outside

the Salvation Army Hostel waiting for a bed for the night?

Don't we care? These problems are insoluable because Don't we care? These problems are insoluble because we cannot pay anyone to solve them. But why do we have to pay men to help their less fortunate neighbours? We cannot say that it is because we haven't time, as no one can say that school work takes up all his time. Maybe our spare time is being wasted in going to S.A.C. meetings when we should actually be out doing something. Is there some reason for man to be here, or is he only a chance

meeting of chromosones?

Thus, if you S.A.C. fees were only a means of taxation mins, if you say. Let's we're only a means of taxable which gave our money to groups which actually were doing some good for the needy, such as VDEP which is educating children or SHOUT which provides medical and dental care for those who need it then 1 do feel that

and dental care for this would be a freely a they would be effective.

However, S.A.C. must also remember that the main task is to make people able to enjoy life so that they will feel that there is some reason to try to help others to live a fuller life. For this reason, S.A.C. must devote more of a fuller life. For this reason, S.A.C. must devote more of its resources to those organizations which draw the students out to enjoy life. Whether this is done by drama groups or dances is irrelevant. It is only in relaxation that man restores himself, both physically and mentally to be able to plunge in and help others.

We must not be drained of our desire for life by our work. We are the living. We must not die. To die is to say "It don't eare."

Please care!

Blue & White Alive & Entertaining

The Blue and White Society held its first major social event of the year at Varsity Arena on Sept. 17th. Slated by SAC types as the dance most likely to fail this fall, the dance drew an amazing 1417 paying customers who revelled to the music of Luke and the Apostles. Steel River and Huron and Washington. The top feature of the show, however, was the fabulous performance of the fabulous

The dance lost an audited total of \$1, but amidst fresh rumours of a budget cut by SAC (the enormous B & W budget was \$1500), Chairman Mo showed little con-cern, "Considering the weather, the early date and the mess SAC made of our original advertising, we're more than satisfied with the outcome." The rumour allegedly originated from Brian Hayes, SAC Communications Commissioner, who showed tremendous expertise in social events by completely botching the UC freshman dance. Asked if the loss was annoying, after the extensive B & W effort, Chairman Mo replied:

"Not at all; the dance could have broken even if any of the following circumstances would have occurred; 1) any 2 SAC members attending (out of 66). As it was only Rod Hurd attended; to avoid any chauvinist tendencies. 2) the presence of Wayne Pulver, SAC Cultural Affairs Commissioner

who has recently been heard muttering "Where's my free football tickets?" 3) Renowned Blue and White hater Ceta Ramkalawansingh could have attended but did Actually, Ceta had a good excuse. The former teenage beauty queen was attending night classes in the Bathing Habits of Civilized People. WITH ENE-MIES LIKE THAT, WHO NEEDS FRIENDS?

The Oct. 3rd B & W Football Dance at Hart House was also a smashing success (1450 U of T students attended). This event squashed for good all attempts by SAC and certain parties with vest-ed interests to bury the B & W. That makes two in a row for

Chairman Mo. By the end of Nov., the Blue and White will run a wider variety of events with their improving financial situation (at least once a week with big name

acts, concerts and reduced prices). Chairman Mo stated; "we're working very hard and we've got a good bunch of dedicated workers this year

At the Oct. 7th Budget Meeting: a major fiasco which pointed out SAC's general financial incompetence and hypocritical ideology, the B & W exchanged its SAC grant of \$1500 in return for a \$5000 loan. Blue and White spokesman Bernie Teitelbaum explained the surprise move in the following manner

It's really very simple. A social program worth \$1500 cannot keep students on campus for their entertainment; especially with the quality of entertainment that we are seeking. SAC has no intention of giving us any more money even if they had it. On Wednesday night I painfully watched what lit-tle they had left (out of \$300,000) quickly dissolve.

The 7-1/2 cents a student we received was grossly inadequate and insults any reasonable at-tempt to create a social program for 22,000 students. However, we felt that the \$1500 could be a help to the Toike or other course union newspapers in obtaining operating funds from SAC. At the time SAC looked like it was heading for a deficit budget, and as expected jumped eagerly at our offer to bail them out, so we made the sacri-

'A \$5000 capital loan is, of course, ludicrous when compared to the Waterloo Social Committee grant of \$80,000. But all we need is a working capital base to operate from for the year. We will proba-bly have enough left over to help other cultural groups and clubs on campus who have also been con-temptuously overlooked by SAC. If our concert on Nov. 15th works out (it will feature and help finance the Blue and White Band, the U of Chorus, the U of T Orchestra and the fabulous LGMB).



TOIKEDITORIAL

This is heing written more than one week ago at the Students Administrative Council meeting. We are ohserving a hureaucracy overwhelmingly dominated hy comhat fatigue. Indeed recent Eng. Soc. meetings displayed a similar sense of hurden. What is it that sags the shoulders of our student legislators? 'Tis the hurden of administration.

Administration, as you might guess is what separates the activist from the attainment of his goal, which of course is raising the political consciousness of the student. Imagine, if you will, what a prohlem this presents for your elected representatives; even those who have no desire to meddle with your mind. What are some of their prohlems?

Well, first there is all sorts of plain hard work which goes into government. Things like handhooks, U of T rings & pins, SAC parking etc., all require a great deal of effort for the Administrators of SAC with very little political return. Similarly, the Eng. Soc. must run numerous social and service programmes with fewer and fewer people willing to do the legwork like decorating, putting up posters etc. There is no evidence that the students no longer want services and considerable evidence that it is hecoming harder to get the representatives of the students to agree to continue the services or to get students willing to work to provide the services.

Thus if you, as memhers of the university community want these things you had hetter he willing to work for them.

All this hrings us to the point of this particular service which you are reading now. There is solid evidence that there is a campus-wide demand for this service judging from the complaints we get about insufficient copies (despite a 15,000 press run, only slightly less than The Varsity).

We consider ourselves lucky that we have almost

enough people to operate the service.

However the SAC meeting is proving that there is little interest among your representatives in paying for such a service. After surviving the Communications Committee and Finance Committee with a grant of \$500, we were exposed to this SAC hudget circus. We escaped with \$300 only hecause this amount was left in Engineering's course union grant and couldn't very well he denied us. There were some surprises for us in the voting. The rep. of the Nurses — of all people — voted against us. How we've misjudged those girls! Former moderate and onetime leadership-minded SAC pres. Rod Hurd was seen to vote against us, while the Vice-Pres. was on our side. Cracks in the administration? And what of poor SMC. Moderate Jean Buhha for us, foaming radical and all-American hoy Vince Dolan against us. Such Confusion — we lost by three votes.

Perhaps we can present the fiscal facts of life ahout the Toike. We receive ahout 25% of our total expenses in subsidy from the Eng. Soc. and now, SAC. This compares rather poorly, according to the SAC hudget, to The Varsity, where the net S.A.C. grant for 1689/70 provided \$44,802 of a total expense of \$115,629 or ahout 39%. The results of our lack of support should he evident; just compare our first two issues. Our first one lost ahout \$250.00 in the days when we thought we were going to get money. This one, with a frightening advertizing percentage of 37% will only lose \$50.00. The main reason for the loss is that we had to cut our ad rates to match those of The Varsity or nohody would advertize. Anyway, we went through channels and got \$300.

Contrast this to the results achieved by the Black Students Union, who, with the help of moh chanting "Right On Sister" managed to intimidate the white radical guilt feelings of some SAC memhers to the type of \$5.000 T*KE *KE



Room 105 — mill bldg. — 928-2916. Devoted to the interests of the undergroduotes of the Foculty of Applied Science ond Engineering. Published every now ond then by the Engineering Society of the University of Toronto.

Brian Leatham — "Finally to the top" editor Bill Palmer — Ta(l) king (to) Flotos
Patrick Whyte — Whryting
Derek-Smith-type Ing
Bob Mitchell — Art Burglar
Art Lethilla — Floto Editor
Dave Pike, who is longer than he is wide.
SEX — Cheryl Pacce
Peter Newell — Sportoikings
Alice D. — WHERE is that man????????
Mike "Buisiness Manager" Pasic
Lynn Williams — typing; also nursing
Exio Messini-Cartoonies
NCR — walk-in as a Cash Register
7 pizzas
and a first year civil out of his tree

Their 34-year-old spokeswoman, Dehra Clarke, made great threats about how it (the U.S. situation) will happen here and the group quickly lahled 'racist' anyone who opposed them. Whether or not their cause has merit, (and few hlack students at U of T seem to have heard of BSU) their hehaviour towards your representatives was inexcusable. Financially speaking the grant was suicide; are we prepared for a proportionate and much more justified grant of \$50,000 to the Indian-Eskimo association and to the other ethnic groups?

In order to get our money, we and the other campus services, presumahly should have hrought several hundred shouting sympathizers and hullied our way to the cash register. It is all too evident that many SAC memhers are more interested in heing part of a Party than part of a Government. The talk of referenda, resignations and succession is in the air.

Let is not be suggested that we pull out of SAC — it is as much our council as anyone else's. Rather, let those who want to play revolution find their own forum. Otherwise our student government will continue its headlong rush toward anarchy. Yesterday's meeting proves that.

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JAYWALKING

I.P.M.T.V.F. - There is a cer-

tain probability, depending upon traffic conditions and his psycho-

logical frame of mind, that a pe-

destrian arriving at a signed in-tersection during its red phase,

will attempt to cross against vehi-

The simple intersection of St.

George and Willcocks St. was cho-

sen for its convenience. The ob-

server was disguised as an artsman, and appeared inconspicuous sitting on the sidewalk doing no-

419.5 jaywalkers were studied under varying traffic conditions. Jaywalkers exhibiting bound mo-

lion (e.g. children holding mothers' hands, Psych students on a leash, etc.) were not included. The

fractional individual, when ap-

proximately halfway to his destin-

ation became unsuccessful, but

was deemed typical and hence in-

ALICE D.

Alice D.: "What do you call those little black and white things

over there by the penguin pool?"
KEEPER: "Ah! I'd call that one George, this one Sam, the one over there is Fred . . ."
ALICE: "What do you call that

one over there by the piano?"

KEEPER: "The pianist."

(that's why he's not allowed in the

THE PLANE TARUM

"And now, the star of our show
. . . " If you saw a pun in that, we didn't planet. The most fantastic thing in the planetarium is the men's washroom. It has a surprise ending (Really! ?!).

THE GAME

The LGMB is gooing to Queen's on Saturday. We want you all to come, and in case you do, the song for the day can be sung to the tune of "The Campbells are Coming".
The new words are "What do Queen's wear under their skirts? A wang! A wang!"

The band is giving away free nose splints with every purchase of the Lady Godiva Memorial Record

THE OTHER GAME

Spot (wayney) Taylor is a running front contender for the LGMB Brown paper bag contest. Getting thoroughly soused (sot) at the Queen's game, Spot urinated over the bleachers while facing into the wind.

THE RADIO

Radio Varsity was at one time nearly edible. This year it has deteriorated prapidelidly and in order to spurm it on, the Engineer-ing Stores is running a super RV deejay best of the year award. The first prize is a genuine chrome plated back from a real, honest to goodness Wroy Wrodgers rist watch, autographed and hand en-graved by Wroy Wrodgers and Wtrigger themselves. Best contenders so far are Ron Lee, with Brucie; Walkey Scotter; Eric Miglin with Peair Newell. Mother acker and Hubby scoured the city dump four for hours to find this luscious prizes o!!!!!

THE RECORD

Band has reproduced (a record)!! Featuring such memorable pieces as the Second Brandonberg Con-certo, The First Suite for Military Band in and around E flat, and the Black and Blue and White, the record has been termed a masterpiece by such people as Jan Acker music editor for Road and Track magazine. The record is on sale now for a mere three dollars in the Engineering Stores. It comes complete with a money-back guarantee, promising that nowhere! absolutely nowhere on the record does the band play Colonel Bogey or the Great Es-

The Lady Godammit Memorial

POLYCANN

Get all sorts of trivia, informa-tion and junk about the all new exreogenatingly not so moribund Polycann exchange at the Engineering Stores! Wow! You hardly need to know any French (or English for that matter) and you too can have six days of learning (wow) laughing and loving.

If you pull it out like rubber Does it snap right back and bite?

Most engineering materials under stress exhibit an initial elastic region in which strain is proportional to stress; if the stress is released, the material may return to its original length. The amount of elastic strain does not ordinarily exceed 1 per cent before some other mode of deformation sets in. Strain can be related to elastic movement from equilibrium positions, which in polymen can also involve the bending and rotation of C-bonds.

Materials which exhibit rubbery behaviour are those made of long chain molecules. In the unstretched state, the portions of the chain are randomly coiled and change rapidly from one configu-ration to another. When the chain is extended, the distance between double bonds increases, thus reducing the number of possible configuarations from f(u)! to f(o)!.

Alternatively (in, out, in, out etc.) elastomeric behaviour is characterized by the following significant features: 1! The material is soft and its elas-tic modules is low. 2! Very high strains are possible (several hundred percent) 3! The strain is reversible. 4! The effluent is noncrystalline and is above its glass transition temperature (Look that one up, Mats. Sci. buffs!)
While the "coiled" picture explains the stress-

strain (stress-strain, stress-strain, etc.) curve in a quantitative (6.9") sense, there are several experimental pieces which it cannot embrace.

Early molecular theories attributed the behaviour of elastomers to the postulate that the molecular chain was coiled in the unstressed state and was then capable of extensive elongation as it uncoiled under stress. This idea was further supported (!) when it was observed (!!). In the passage of the chain in and then out (. . .) of the double bond, crystallization and chain straightening are restricted. Thus the chain of natural rubber is irregularly curved and tangled within the volume of the vaterial, and large elongations are possible as the ends of the chain are pulled apart under stress (That's right, Mats' Sci. buffs, that entire excro-genating sentence was written by John Wulff).

The consequences of the coiled model are: The elastic modulus in the elastomeric range increases with increasing temperature.
 an elastomer becomes warmer rather than cool-

stretched, elastomer is positive while that of an elastomer stretched more than a few hundred percent is negative.

F!(U) BL_i S_s Vd where F! is the tensile force and L is the length of where P: Is the tensite that another in a line key and the sample. In rubbery materials Poisson's ratio (Pike note — is that another fish joke? ?) is observed to be approximately 34.5/69; thus tensile elongation does not cause a change in volume (Think about it). If an ideal rubber (which is, alas,

F!=f (cycles/sec.) x t (10 sec) this leads to an increase in heat, proportional to fdF!/dt, the rate of compression and rarefaction

(cycles/sec), and:

Dividing the tensile force by the cross-sectional area gives the true stress: G-nkT (L/O) - (O/L) where n is the number of chain segments within the double bond, T is the temperature, and O is the unstretched length (an insignificant measurement).

The theory of rubber elasticity agrees fairly well with experimental findings except at very large elongations. At this point, F!(u,p), the chains begin to align themselves, and further deformation re-sults from the stretching of primary bonds within the chain instead of by the straightening of originally coiled chain segments (roundoff error may occur due to internal truncation0.

Vulcanization, which is the formation of cross-links between adjacent chains at positions (17 & 18, method 4a) where double bonds originally existed, extends the temperature range of the rubbery re-gion and also increases the transition temperature. Lightly vulcanized soft rubber contains a cross-link for every several hundred chain units. Hard rubber has 23% fewer, due to the saturation of all available double-bonds and softening does not occur until temperatures near 100 F! and the material can no longer be considered an elastomer as depletion has

The coefficient of thermal expansion of an un-

The deformation of an elastomer is analgous to compression, rarefaction (in, out, dummy!!). The ws of tensile strain thermodynamics yields the following equation:

impossible) is subjected to reversible thermal extension $(F!(U) = \infty)$,

RESULTS

cle flow.

I.P.M.T.V.F. Behavior could be divided into three groups:

A. The Bluffer B. The Gambler

C. The Unconscious

Only two exceptions were ob-

L.O.L. Little Old Lady who usual-

ly fails to observe the light or notice the traffic, and is often mistaken for Type A. until panicked by horns from approaching vehicles.

A.M.P. Similar in characteristics to L.O.L. behavior, the Absent Minded Professor is also often mistaken for

Type A.

It was hoped that some means would be found of predicting an individual's behavior as it is of primary importance to the motorist to avoid delay. Unfortunately this could not be done. Stratification by age, sex, and hair colour were observed as when a Type A under stress would undergo a rapid change to Type B.

Relatively consistent results were observed when a composite factor, known as the fright factor was taken into consideration. By definition: FF = K (C + VDL)

Where V Average vehicular dens-

D Traffic Density

L Length of main pedestri-

an group (miles)

F Footing factor — decreases with insecure

footing. K Constant computed for

each intersection by regression

C Velocity of light (light years/year)

THE I.P.M.T.V.F. PATH Intensive observations revealed

A. Path varies according to obstacles encountered (dogs, cars, pedestrians, diverse hazards underfoot, etc.).

underroot, etc.).

B. The path almost always depended on the subsequent course taken by the pedestrian (i.e. the future influences the past). It was also suggested to the author that some of the more exaggerated ambulatory aberrations were influenced by varying degrees of alcholic sedation, but this theory could not be verified.

As for velocity, it is certain that only in brief intervals when effectively stimulated, many individuals of the certain day. als studied attained speeds far greater than the 4 ft./sec. standard generally assumed.



ask you where you got your degree?

Toike Otke Oct. 15 1970 Page 5

GETTING INTO WOMEN'S LIB.

Ladies, I am unjustly condemned! Really, I feel I must drive the point home to you. I have never advocated the phallus as a philosophy of life. Never have I, with knowledge aforethought, shafted a Women's Liberationist. It's only later I've realized my mistake, as the doctor examined my wrists for rope burns, bandaged the slashes across my back and prescribed a salve for the rope burns on my arms . . .

And as for being regarded as sex objects, it's all a misunderstanding . . .

Actually, big boobs fascinate me. It's an innocent enough reaction, the inevitable result of gross underexposure. Whenever I see a pair bouncing down the street, I can't help wondering whether (a) you have names for them; (b) you talk to them; or (c) you hear an answer. Does your boyfriend talk to your knockers, or are they always asleep when he's around? (Funny thing about guys — they'll talk in places you can't even hear!!)

You see, girls, how difficult it is to be matter-of-fact about something you've hidden, coddled, protected and encouraged ever since you first asked your mother when they were gonna grow. And your mother told you to shut up and leave 'em alone, they'll grow! In fact, in a recent poll conducted by Eros Fellatio of Trinity. a Greek exchange student currently studying Pornography II, the results showed that 30% of the freshman class and 98% of the upper-classmen favoured bra-burning. In connexion with this, the Trinity Men's Club will be burning their this Friday at 7:00 p.m.



THE IDEAL WOMAN

Without a doubt, the biggest myth in the entire Women's Lib. Movement is this concept of the treatment of women as sexual objects. Of course, there are certain situations in which I would like to remain on top (position 37, option D, for example) but it is natural—nay, traditional that I should do so. There are even times when it's absolutely necessary—in a compact car, for instance. But it's okay, girls; you'll be glad to know that it doesn't count when it happens in a car. Yeah. It's called an "oops". You know, you didn't really mean it. But if you do it at his place, that's premeditated sex, and then you're a dirty broad.



THE LIBERATED WOMAN

We males are ever ready to forgive and forget any little indiscretions.

Of course, I understand how the tensions you girls lite with could warp you into joining Women's Lib. It's damned hard to find a good, upstanding, marriageable male, isn't it? Like, how do you know what kind of a guy he is really? For you uninitiated, there are three basic species of North American male animal, none of which are deadly, and only one of which is vaguely carnivorous. The first catagory comprises those, who when they see a beautiful girl walking down the street, think to themselves, "That's a beautiful girl walking down the street, think to themselves," That's a beautiful girl walking down the street." Straightforward, honest—definitely marriage material (if you can find one). On the other band, the second species, when found in a similar situation, thinks, "What a groovy chick! Would I ever like to ball her!!" A little deceitful, a bit subtle—definitely phallically oriented. Horny, though somewhat inexperienced, his hands usually get so sweaty that he can't undo the hooks. Lastly, there's the semi-carnivore, who, when he's with his buddies, will moan a bit and sigh, saying, "would I ever like to ball that chick!" When alone, he merely licks his lips and rolls his eyes. Wherever he is, he can usually be identified by a perpetual erection. (There is a fourth type, with whom we won't concern ourselves, who walks up to pretty girls and asks, "Hey, chick, you wanna—?" Rare, but nowhere near extinction, his honesty invariably impresses, and sometimes persuades. I remember one night . . . but that's another story.)

One last word to you Liberationists. It's easy to retreat into Women's Lib. screaming "Dirty sex maniacs!" over your shoulder, but if you feel strongly about the movement, then do something constructive. Most Women's Liberationists have a couple of good points, and we males are always ready to help you expose your views to the general public. In the intercourse of human relations, it should be true that Women's Liberationists are not maid, but worn. Don't feel unfulfilled all your life — visit your friendly neighbourhood Engineer. Although frequently taking matters into his own hands, he will cheerfully make time (with) for you. I daresay he'll fill you full of his conceptions in attempting to satisfy your anxieties. You'll probably find him hard to take at first, but after a few sessions you'll really begin to believe in what he's doing. After a few consultations, your inhibitions, hangups, etc., will vanish. The experience gained is invaluable. Get yours today!

I feel certain that open confrontations such as these will soon spell the end of the Women's Liberation Movement. It's too bad in a way, because some of their newest movements may pleasantly surprise you. They're pretty good. (In fact, I hear they're VERY good...)

LETTER FROM A LIBERATED WOMAN

The Editors of the Toike

You made a grave error in the last issue of the Toike. I do want my son to be an engineer. But how can I please keep him away from the Toike.

Ceta Ramkhalawansingh

Remember the girl from our last ad. Well, 5c REPRODUCTION was so popular that the Store's Manager is flying off with the profits and the product



OLIVETTI COINFAX

AT your ENGINEERING STORES

SUNDAY OCT. 25 HART HOUSE FARM

presents

FREE FALL FAIR

Activities include: HAYRIDE, SAUNA, SQUARE-DANCING, and CONTESTS OF STRENGTH AND SKILL

For travel information and meal reservations (at \$1.25) inquire at the graduate office (928-2447) or the Hallporter's Office in Hart House.

ENGINEERING SOCIETY ELECTIONS OCT. 23

NOMINATIONS AVAILABLE AT ENG. STORES UNTIL OCT. 16 FOR

POSITION	ELIGIBLE CLASS
1. 1ST. VICE PRES.	711
Director of Publicity and Public Relations	711
3. Blue and Gold Chairman	7П,2,3,
4. FIRST YEAR PRES.	714
5. 2 FACULTY COUNCIL REPS.	714
6. Secretary	713
7. Mickey da "V" 's speech writer	anybody

HART HOUSE AMATEUR RADIO CLUB

OPEN MEETING WITH GUEST: MR. BILL CHOAT, VE3CO

EARLY DAYS IN HAM RADIO

ALL WELCOME -- REFRESHMENTS -- HART HOUSE MUSIC ROOM, 7:15, TUES., OCT. 20th

CENTRE FOR THE STUDY OF DRAMA HENRIK IBSEN'S

'GHOSTS'

with the professional company including John R. Bayliss, Betty Leighton, Hugh Webster Norman Welsh and Carolyn Younger

HART HOUSE THEATRE October 2 — 17 @ 8:30

Students \$1.75

Box Office 928-8668

EAT IN OR OUT

.....

or 1N or OUT or 1N or OUT or 1N or OUT

SQUISH

THE INNIS COFFEE HOUSE

63 St. George Street

CHEAPEST PIECE (of food) ON CAMPUS

MEET/MATE YOUR FRIENDS HERE

Easily one of the best social events on campus, Hart House accommodates 4 or 5 great bands with (maybe) a cash bar so that you can really enjoy the intercourse competition and the crowning of the engineering queen later in the night. And for your added convenience the Engineering Society is providing a number of Hustling Dances for the next few weeks so that everybody can get a date for the Cannonball. (P.S. Cannonball is cheap \$4.00 a couple) and the LGMB and Cannon will, of

course, be there.)
October 24 is Homecoming with the annual float parade (as well as the floating football game). So that engineers will not feel left out at the the floating football game). So that engineers will not feel left out at the game we will be attempting to make one of our own (floats) along with the potsies, nursies, and food sci. girls. Construction of the Skule float usually takes place on the Friday nite behind the Borden building where nails are nailed, engineers are hammered, and floats (and a few girls too) are made. Everybody has a grand ol' time. Dont' miss it! On Saturday nite the winning float will be displayed as a highlite of the Ultroneous Blue & White Homeeuming Hart House Dance (cheap).

Now in a lighter win Tomperow promistics elles for a number of

Now in a lighter vein. Tomorrow nominations close for a number of positions on the Engineering Society Executive (including 1st Vice President and Secretary). It is very important that every body try out a position on the Eng. Soc. I cannot overstress that. At least vote during the elections on

In a still lighter vein. On October 28 the Eng. Soc. will be holding a General Meeting of all Engineering students at U. of T. Key stuff is discussed. We hope that there'll be some free refreshments there so you won't starve your way through the meeting.

SURPRISE! HALLOWEEN DANCE

SURPRISE! BAND SURPRISE! OCT. 30

SURPRISE! ENGINEERING CAFETERIA

SURPRISE I 8 P.M. \$1.50 stag \$2.50 couple

SURPRISE! ID REQUIRED (LCBO willing)

SLY CLIMAXES HIGHER

by Carol Henderson

The Gardens was rocked once more Sunday afternoon — this time by Sly and the Family Stone. Even the terrible acoustics went unnotleed under the mastery of the Family. The group was colourful and energetic as usual. Sly was dressed in red with an ornate blue vest and a woolly blue hat. Their songs included "Stand", "Sing a Simple Song", and "Everyday People". It all climaxed quite appropriately with a throbbing version of "I want to take you higher" and that brought the whole house down. The fans were having a fantastic time dancing and flashing peace signs in response to Sly's gyrations. The group seems to have a magical effect on their fans. The scene was very close and seemed more like a party than a concert. like a party than a concert.

MONTREAL IS RETURNED SAFELY -TO THE U of T-

Yes, once again the Lady Godiyes, once again the Lady Gother va Memorial Band, led on their daring exploits by Mark F! (the brains), Mickey da "V" (the brawn) and Alice D. (the hair), pillaged (and Raped too!) the streets of Montreal.

The liberations began with a number of mysterious disappearances of McGill University signs. In the early hours of Saturday morning, a small group of highly-trained commandoes and their wenches took the huge, large McGill sign (which had been removed last year) back to the stad-ium, to replace the VISITORS sign on the scoreboard. This way the band (which had bet a considera-ble amount of beer on the McGill team) was assured a victory in the the game ended 23-23, so that evening those downcast lads attempted to amuse themselves by visiting "My Father's Moustache".

The group liberated a number of flags with poles (and hungarians) still attached. One flag has been tentatively identified as having come from the East German consulate. Other noteworthy items are glass cafeteria menus, 40-foot Montreal Department of Tourist Information signs, one police squad car (dis-assembled), and a whisker from the Moustache. The band's greatest mission was "the Great Marble Ash-Tray Theft" from a restaurant which has now been officially blacklisted by the LGMB, the Engineering Society,

the University of Toronto and Al-

At speeds somewhat approaching that of light, the driver raced home with his exhausted crew and their new possessions. After arriving at the Engineering Stores, he was asked to join in a victory celebration but he graciously declined the offer he feared that he might return to find his bus missing. Rewarded for his efforts he was made an official member of the B.F.C. and accorded with LGMB's latest record release — "The Lady Godiva Memorial Band Blows".

Anyone wishing to see the Mc-Gill booty can do so by purchasing an LGMB record for only \$3.00 (tax included) at the Engineering Stores and presenting it at Mickey da "V"'s office!!!!

VERTIGO 70: The Concept

"We are here because there is no refuge, finally, from ourselves. Until a person confronts himself in the eyes and hearts of others, he is running

The Daytop village community operates on this philosophy — with the members working to improve themselves and the society in which they live.

themselves and the society in which they live. A great diversity of treatment for drug addiction exists in New York City. A unique approach is Daytop which utilizes group therapy encounters to build a "bond of hard work, commitment, trust and love". To confront another member with your thoughts of him and yourself is a harsh act of love and concern, serving to bring the Daytop member more quickly away from his addiction. An expression of Daytop's positive attitudes towards life is "The Concept". This play evolved as a total group effort, a vehicle for the presentation of the feelings of Daytop Village, the addict and ex-addict as they are — people. In total, the 8 member cast has experienced 40 years of heroin addiction, and have now completed 12 drug-free years at Daytop — their average age is 21. Portraying themselves and their Daytop experiences, the actors transmit the breadth and depth of addiction and the struggle to recovery. At the end of the performance, the actors come upstage centre, the house lights come on, and the cast and the audience "rap".

Take part, be made aware — Come to Vertigo 70's The Concept.

Vertigo 70

DIRECT FROM NEW YORK

DAYTOP VILLAGE's off-BROADWAY

psychodrama on drugs "THE CONCEPT"

\$1.50

8:00 p.m. Oct. 19-23 1970

O.C.E. Auditorium Bloor & Spadina

TICKETS AVAILABLE AT

U of T SAC ticket office Salsberg's Ticket Agency also:

Med. Sc. Bldg. Lobby

11:00 - 2:00 p.m.

FREE! **CHEST X-RAYS**

This Year - We come to YOU

A mobile unit will be located in the vicinity of the Galbraith building on Wednesday Oct. 21st. and Thursday Oct. 22nd. for the convenience of Engineering Students and Staff.

Chest X-Rays are requirement for first and final year students hut everyone is invited to participate.

PROTECT YOURSELF

Tuberculosis Prevention Service Ontario Department of Health

PROTECT OTHERS

The University Health Service

SPORTOIKESPORTOIKESPORTOIKES

FIST YEAR

SKULE Sports needs you! Teams now in league schedules, i.e. football, rugger, soccer, and lacrosse still need players to fill out their rosters, while hockey, basketball, volleyball, swimming and waterpolo are just forming up or in practice.

Contact the commissioner in charge of your particular sport from the list on the bulletin board by the Faculty office in the Galbraith or just show up to the next practice. If you are at all interested: GET SPORTS! GET SKULE!

F!OOTBALL

In spite of an incredible turnout to opening practices (for the f!st time in many years). Skulemen crumbled under the determined Vic team's attack in their league opener (29-10).

Coach Paul Rochs fielded a po-

HOMECOMING

CUMING

Oct. 24th - Dance to the entertaining

BLUE AND WHITE SOCIETY

tent ally strong backfield composed of returning running backs: Pearson, Gay and Van Steen, with flanker Wayne Maddever behind quarter backer Doug Ashton. The particularly offensive line of returning Doug Ellsworth and newcomers capable of handling the blocking. Defense (?) was set by line backers Brown, Moore, and Miller with safties Zettel and Parity

Unfortunately the Vic team had not heard this good news and easily overwhelmed our struggling Skulemen

But a lone shining star in the form of Dong Ellsworth booted his way to our lone point. Skule coach Rochs has promised to rebuild the shattered spirit (and other things) and newcomers (good ones) are exorted to bolster the team. Call commissioner Paul Van Steen (925-73740.

RUGGER

On the other hand, last year's Nankivel Cup winners SKULE I won their league opener over Trinity A with a 6-2 score. Completely overpowering the smaller Trinitiets, Skule bullied their way to victory (courtesy Al Hamilton) and strong running "Mad" Maddever (this boy gets around!), although unable to convert any of our trys (but Anton Davies is working on it.) Sloppy playing and careless passing resulted in Trinity sneaking in their try (who is that scum half). However all this will be corrected for our next game. Skule II has a big team with some powerful runners and is expected to out play any competition in their league. Thus we can look forward to Eng I and Eng II meeting in the playoffs. If interested in playing, practices are Tues. and Thurs. mornings at 7:45 on the back campus.

SOCCER

Skule seniors started their season with a shaky 4-3 win over U.C. wherein Roman "Zak" Zahaluzmy scored twice and two by Nick Moms

In the next senior game, Wong, with two goals, put Skule ahead of the Grads (2-0) in the first half with a fine show of potential including excellent defense, goal tending and general aggressiveness. Unfortunately the forced retirement of Skule goalie Suffolettan and star defenseman Pokrajac in the second half allowed the Grads to tie it up.

Superb goaltending by rookie Dan McMahon and goals by Mestria and Bechbache highlighted the first SKULE JR. soccer game over-shadowed only by their loss (3-2) to St. Mike's B.

Any interested high spirited, hardy, rough, (and just plain dirty) players would be a valuable addition to our troops (oh yes, it would help if you could play, too). Call commissioner Garry Kumpula (425-7363).

LACROSSE

If you want a chance to play SKULE sports and lose any/all of your facilities, here's your chance. Poor turnout has resulted in only fielding one team this year in inter-faculty competition. A fine crop of rookies supplement last year's veterans and we're looking for our team in the playoff's. If blood and gore is your game check with our lacrosse commissioner.

BASKET-BALLING

SKULE basket-ballingers get out your dribble (and other assorted accessories) and head for the courts as we re organizing two teams for interfac competition (practices starting soon) and an intermural league (to start later?) composed of class teams. Watch for posters advertising the first practice and/or sign the lists in the Engineering Stores. Further confusion can be obtained from basketballing commissioner Jim Chwartacky (767-4317)

SWIM* MERING

For those of you who want to get in the drink (?) sign up at the stores (see basketballing-but sign the swim-mering list) No prior experience in competitive swimmering is necessary (although it would help if you can float (dogpaddle?). Further info (concerning swim-mering and/or water polo from swim-mering commissioner Barry Bowerman(278-1645).

MORE USELESSNESS

Hockey is also up-cuming (class teams) get your class rep to contact hockey (who else?) commissioner.



Alice Goes In & Out FOR Sports

GET IT STRAIGHT AT THE UNIVERSITY BOOKROOM I

This is the bottle for the Age of Ecology.

What the world needs today are containers that re-cycle.



Because every container that isn't re-cycled becomes a refuse. Or worse still, litter.

That's why the reusable, returnable bottle for Coke is the answer to an ecologist's prayer. On the average, it makes about fifty round trips before it's through. And that means fifty less chances to add to the world's littler problem. So buy Goca-Cola in returnable bottles, It's best for the environment — and your best value.

It's the real thing. Coke.

Both Coca-Cola and Coke are registered trade marks which identify only the product of Coca-Cola Ltd

KEJOIK

1 A young Canadian was trying to impress the newly arrived Italian women, at his poolside party. He dove into the pool and swam lengths in two minutes. Unim-pressed the girl jumped in the pool and did the same thing in half the time. Aghast, the young fellow asked her where she learned that! She replied, that she was a whore in Venice.

What is long, soft and brown and lies under a piano? Beethovens last movement.

3 How do you know when you've been raped by an elephant? You're pregnant for two years. 4 Upon coming home from work,

the husband asked his wife, what she was doing? her answer was; "Washing my box." Angered, the man told her he didn't want to hear that kind of talk again. She yelled back: "What do you want, good grammer or good taste.

5 Three babies were being pushed through the supermarket while their mothers shopped. One retheir mothers shopped. One re-marked, "Just look... she's buy-ing pablum and I hate the stuft. "Another said, "Mines buying spinach... that's the worst. "The third offered, "You all complain ... how would you like to be waked up at three in the morning by having a cold wat it sheet."

by having a cold, wet tit stuck in your mouth, tasting like a White Owl Cigar?"

6 Alice D. was walking through the Galbraith fover in an indecently exposed condition (a regular exhibitionist already). The Dean stopped him and asked for an ex-planation. "It ain't my idea," spoke up Alice D., "I raised my hand in class this morning and the Prof. asked me to stick it out until

lunch period. 7 She was a lovely, innocent lass who wouldn't molest a fly - unles

it was open. 8 Mable and Jack came home one a Mable and Jack calle holde of hight after having a little "tiff" at a local party. Jack had gotten over it, but Mable still remained cold. In bed Mable settled herself on the far side of the bed, ready to go to sleep. Jack as was his custom began reading a book. A short time passed and she felt his hand on her belly, then on her hip, then on her groin. But when his fingers were dangerously near her placket she turned on him suddenly and glared angrily. "Oh don't worry, dear" he said, "I was only going to wet my fingers to turn the page."

9 Pierre told Marcel that he had a big date with Yvette that night.

smiled, stroked his moustache and said." "Ah-h-h, but she will tonight." TOIKE OIKE'S SEVEN BEST SELLERS

Marcel exclaimed, "But she is so

young, why she doesn't even have hair on her chatelle yet!" Pierre

"The Ideal Husband", by John Everhard "The Red Menace, "by Uneeda

The Russian Flood," by lbin Yurkinoff 4 "Halt in The Desert," by Musta-

va Crapp 5 "The Garlic Box," by R. U. Smelly

6 "The Russian Revenge," by E. Nauder Titzoff "The Red River Valley," by Dakotex Kid

NEW T.V. SERIES Sixty-Ninth Precinct ("Where all the dicks hang out!") Did you hear about the SMC girls,

that use the pill. Everytime they stand up, it falls out. Sex is the most fun you can have

without laughing.
"If exercise eliminates fat, how

cum women get double chins? An engineer usually ends up under the table every time he goes to a night club with a pretty girl. Not drunk...just an insatiable curios-



AUCTION ACTION CUMING ONCE. CUMMING TWICE SOLD TO THE HALF-**CRAZED ALBANIAN** DWARF

2432 MANOPOLIS COLLEGE **ADMINISTRATIO**

Pres. Feldman and administration flee student mab

AND NOW! ONCE AGAIN, THE ENG. SOC. PROUDLY PRESENTS THE 'nth' DOUBLE PRIZE WINNING ANNUAL UNITED APPEAL SLAVES AUGTION AND OCTOPUS MARKET (WOW) FEATURING A SPECIAL GUEST APPEARANCE BY THE WORLD.

RENUNCED AUCTIONEER, JACK MEOFF
WHOSE CONTINUAL ABUSE HAS THRILLED
THE MASSES AND MADE HE DINES IN '65
IN THE MAJOR TORONTO PAPERS DON'T MIS
THIS FANOUS ACTION AUCTION AND "HAND
DUNGA" FESTIVAL POOL OUR DOUGH AND TO IN '69 H'T MISS "HUNGA DUNGA" FESTIVA DOUGH AND AND 1 TO WILL THROW)

IME NS-TRAT-

BY THE WOMEN LIBERATION ON BRA BURNING THAT'S ON NEXT THURSDAY, OCTOBER TWENTY_ TWOIL AT 1 O'CLOCK IN THE AFTERNOON, ROOM 135 JN THE SANFORD FLEMING BUILDING (THE OLD PHYSICS BLDG), JUST SOUTH OF CONV-OCATION HALL. CUM EARLY CUM OFTEN

CUM

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RED CROSS BLOOD DRIVE MON. & TUES. NOV. 2 & 3

3RD FLOOR GAILBRAITH BLDG. COMMON ROOM

THE CLASS WITH THE HIGHEST TURNOUT

WILL BE GIVEN A 'GOLDEN' AWARD CAUTION: DON'T TAKE ANY DRUGS (ASPIRIN. GRASS, SPEED, ETC.) UP TO 48 HOURS BEFORE.



GENERAL MEETING

OCT. 28, 12:00 CONVOCATION HALL

> BE THERE!

'CAREERTALK' 1.00-2.00 P.M.

INFORMATION SERIES

Chartered Accountancy Federal Gov:t re: Socio Economic Programme ales Engineering Social Work

What's Available for General Arts & Science? Ontario Government Law DEBATE - Careers in Life Insurance - A Graveyard for Graduates

Library Science Pollution Control & Conservation Inverviewing & Recruiting

Thurs. Oct. 15 244 Galbraith Fri. Oct. 16 203 New Physics

Mon. Oct. 19 119 Galbraith Man. Oct. 19 203 New Physics (McLennan Labs) Tues Oct 20 203 New Physics

Wed. Oct. 21 203 New Physics Thurs. Oct. 22 Fri. Oct. 23 203 New Physics 203 New Physics

Fri. Oct. 23 2108 Sidney Smith Mon. Oct. 26 203 New Physics

244 Galbraith

Tues. Oct. 27

Elementary Teaching

M.B.A. - Now or Later? Publishing YOUR CAREER - PLAN OR CHANCE? (WITH DR. COOPER, **HUNTER COLLEGE, N.Y.)** Advertising & Public Relations

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Wed. Oct. 28 Wed. Oct. 28 Thus. Oct. 29 THURS. OCT. 29

ABUT

Fri. Oct. 30 Mon. Nov. 2

Tues. Nov. 3 Wed. Nov. 4

Thurs. Nov. 5 Fri. Nov. 6 Mon. Nov. 9

203 New Physics (McLennan Labs) 2108 Sidney Smith 2108 Sidney Smith MEDICAL SCIENCES AUD 8:00 P M

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